BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF STREET VENDORS ZONE IN WARD NO 4 OF YELAHANKA SATELLITE TOWN SUB DIVISION

Est.Cost.Rs. 4000000

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I.No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5 =69.80								
	New Drain								
	Market	Cum	2	41.5	1.10	0.90	82.17		
	Basic rate							130.00	
	Area weightage 6%							7.80	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**82.17**	**207.60**	**17058.49**
2	KSRRB M2100 PCC 1 KSRRB M2100-10. Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal course aggregates @0.89cum and fine aggregates @ 0.44cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification No. 2100 Pg no:222 Item no:27.18								
	New Drain								
	Market	**Cum**	**2**	**41.5**	**1.1**	0.15	13.70		
	PCC1:3:6 (M10)								
	New Market Area								
	rectangle shape	Cum	1	73	12.6	0.2	183.96		
	Kerb Stone For Market	Cum	4.00	73	0.15	0.10	4.38		
			4.00	12.60	0.15	0.10	0.76		
	Basic rate							5194.00	
	Area weightage 6%							311.64	
	Total						**202.79**	**5505.64**	**1116494.24**
3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No								
	New Drain								
	Bottom Slab	Cum	2	41.5	0.9	0.15	11.21		
	Side Wall	Cum	4	41.5	0.15	0.6	14.94		
	Basic rate							6670.00	
	Area weightage 6%							400.20	
	Total						**26.15**	**7070.20**	**184850.38**
4	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2								
	For Drain	Cum	From item no.6				26.15		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		kg	Steel assumed 70Kg/Cum of Concrete				1830.15		
		tonne					1.83		
	Basic rate							68233.0	
	Area weightage 6%							4094.0	
	Total						1.83	72327.0	132369.22
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)								
	New Drain								
	Cover Slab	Sqm	2	41.5	0.9		74.70		
	Data Rate	2337.0							
	Total						74.70	2337.00	174573.90
6	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / P.No. 2.1								
	levelling and lowering for Market area	cum	1	73	12.6	0.33	303.53		
	Basic rate							249.00	
	Area weightage 6%							14.94	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						303.53	333.74	101301.44
7	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 page no 147 item no19.60								
	Construction of embankment								
	New Market Area								
	rectangle shape	cum	1	73	12.6	0.33	303.53		
	Basic rate							325.00	
	Area weightage 6%							19.50	
	Total						303.53	344.50	104567.46
8	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, 1.No. 4.5 of PWD SR								
	new Market Area								
	rectangle shape	cum	1	73	12.6	0.15	137.97		
	Basic rate							5328.00	
	Area weightage 6%							319.68	
	Total						137.97	5647.68	779210.41
9	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete(page no 27 item no 5.30)								
	Kerbstone	m	4.00	73			292.00		
		m	4.00	12.60			50.40		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total Length						342.40		
	No of Kerb Stones	Nos	Total Length/0.45				761.00		
	Basic rate							408.00	
	Area weightage 6%							24.48	
	Total						761.00	432.48	329117.28
10	KSRB 15-15.3 Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with cost of materials ,labour ,complete as per specifications.(SR Pg no 180 item no 24.1)								
	Kerbstone	Sqm	4.00	73		0.50	146.00		
		Sqm	4.00	12.6		0.50	25.20		
	Basic rate							80.00	
	Area weightage 6%							4.80	
	Total						171.20	84.80	14517.76
11	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13								
	new Market Area								
	rectangle shape	cum	1	73	12.6		919.80		
	Basic rate							631.00	
	Area weightage 6%							37.86	
	Total						919.80	668.86	615217.43
								Total Amount	3569278.01
								GST Charges (12% of estimated cost)	428313.36
								Miscellenious and rounding	2408.63
								Grand Total	4000000.00

CERTIFICATE.

1) The work spot has been inspected and found to be necessary

2) The work spot comes under B.B.M.P

3) The provisions made in the estimate are necessary and minimum

4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2019-20, SE-RDEP approved Rate and Issued Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Administrative Sanction for Rs. Four Lakhs
Forty Lakhs only
is accorded under head P-3298
14th Finance works
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. EE/YNK/BS/209/2019-20 Dt. 7/3/2020

Executive Engineer

Technical Sanction
Accorded For Rs. Four Lakhs only
Head of A/C P-3298
CER NO :.....37..... Dt: 20.03.2020

AEE

CE (YNK)